

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for attaching an adhesive tape comprising the steps of:

disposing the adhesive tape having an adhesive surface on a support body with said adhesive surface down such that said adhesive surface is in contact with said support body;

rolling an attaching roller having adhesive strength on an opposite, non-adhesive surface of said adhesive tape so that said adhesive tape is transferred onto said attaching roller and is held in tight contact therewith; and

rolling said attaching roller on a surface of a member which is located in a predetermined position so that said adhesive tape adhered to said attaching roller is transferred to and attached onto the surface of said member,

wherein respective adhesive strengths A, B and C are set to have a relation of $A < B < C$, where A designates adhesive strength between the adhesive surface of said adhesive tape and said support body, B designates adhesive strength between the non-adhesive surface of said adhesive tape and said attaching roller, and C designates adhesive strength between the adhesive surface of said adhesive tape and said member, and

wherein said member is a curved glass panel and said attaching roller is rolled onto a slanted upper or a slanted lower surface of said curved glass panel to transfer said adhesive tape to said slanted upper or slanted lower surface of said curved glass panel, said method further comprising moving and/or rotating the attaching roller along at least a pair of X, Y, Z, and θ axes to position and roll the attaching roller on a surface of the member located in the predetermined position.

2. (Previously Amended) A method for attaching an adhesive tape according to claim 1, wherein said support body comprises a conveyor belt that has been subjected to a reduction treatment to reduce adhesivity between the adhesive surface of said adhesive tape and said support body.

3. (Previously Amended) A method for attaching an adhesive tape according to claim 2, further comprising the step of:

cutting a roll-form adhesive tape into adhesive tape pieces having a predetermined length,

wherein said adhesive tape pieces are disposed one by one on said conveyor belt with their adhesive surfaces down such that said adhesive surface is in contact with said conveyor belt, and said adhesive tape pieces are conveyed by said conveyor belt to a position where said adhesive tape pieces are transferred onto said attaching roller.

4. – 10. (Previously Cancelled)

11. (Cancelled)

12. (Previously Cancelled)

13. (Currently Amended) The method of claim 1, wherein said attaching roller is manipulated by a hand portion of a multi-axis robot.

14. (Previously Amended) The method of claim 1, wherein excessive pressure is prevented from being applied to said member by means of a flexible support portion of said attaching roller.

15. (Currently amended) The method of claim 11, wherein the θ axis is a [[yaw]] rotation axis perpendicular to a rolling axis of the attaching roller and parallel to the Z axis.

16. (Newly added) A method for attaching an adhesive tape comprising the steps of:
disposing the adhesive tape having an adhesive surface on a support body with said adhesive surface down such that said adhesive surface is in contact with said support body;
rolling an attaching roller having adhesive strength on an opposite, non-adhesive surface of said adhesive tape so that said adhesive tape is transferred onto said attaching roller and is held in tight contact therewith; and

rolling said attaching roller on a surface of a member which is located in a predetermined position so that said adhesive tape adhered to said attaching roller is transferred to and attached onto the surface of said member,

wherein respective adhesive strengths A, B and C are set to have a relation of $A < B < C$, where A designates adhesive strength between the adhesive surface of said adhesive tape and said support body, B designates adhesive strength between the non-adhesive surface of said adhesive tape and said attaching roller, and C designates adhesive strength between the adhesive surface of said adhesive tape and said member, and

wherein said member is a curved glass panel and said attaching roller is rolled onto a slanted upper or a slanted lower surface of said curved glass panel to transfer said adhesive tape to said slanted upper or slanted lower surface of said curved glass panel, said method further comprising moving and/or rotating the attaching roller along at least X, Y, Z, and θ axes to position and roll the attaching roller on a surface of the member located in the predetermined position.